

69. (New) Apparatus as claimed in claim 64, wherein, when the well is inclined or horizontal, the main tool body rests under the influence of gravity against the bottom of the well, and the deployable arm is applied against the top of the well.

70. (New) Apparatus as claimed in claim 64, wherein, in use, the main body portion is centered about the axis of the well by said at least one deployable arm and by a second deployable arm mounted on the main body portion, said first one and second deployable arms being capable of being applied respectively against the bottom and top of the well.

C - Remarks

Claims 32 to 57 have been cancelled. New claims 58 to 70 have been added. New set of claims is based on former set of claims 32 to 57 and on description page 8, 1.13-19; page 11, 1.8-18; page 12, 1.3-12.

Claim Rejections -- 35 USC, §102 and 35 USC, §103

The Examiner rejects the claims 32 to 45 and 47 to 57 as being anticipated by Roesner. Applicants believe that the new set of claims overcomes this rejection since nowhere in Roesner is disclosed the fact that a first sensor pair is mounted on the main body portion, said pair comprising a speed sensor for measuring local speed of the flowing fluid in the vicinity of said main body portion and a proportion sensor for measuring the local proportions of the flowing fluid in the vicinity of said main body portion.

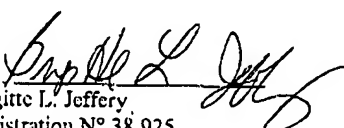
It is of particular importance for accuracy of the speed and proportion measurement to have at least a pair speed and proportion measurement means that are mounted on the main body portion since this portion will not be submitted to as many pressure shocks as the other pairs of sensors will be. Therefore, very accurate measurements will be retrieved from this sensor pair and the chance for this pair to be out of order are significantly reduced compared to the pairs that are going to be exposed to the effluent flow.

The Applicants believe that these amendments deal with all outstanding matters, raise no new matter issues and place the application in order for allowance. Favorable reconsideration on the basis of these amendments and remarks is requested. In the event that the Examiner intends to

maintain any rejection, it is requested that these amendments be entered in order to place the application in better state for appeal.

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage of fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 50-2183 and please credit any excess fees to such deposit account.

Respectfully submitted,

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